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TRENDS in FORAGE CROPS VARIETIES



VARIETY TRENDS IN FORAGE CROPS 1960 ^{1/}

Purpose

The purpose of this study is to provide better communication between seed producers, distributors and consumers throughout the country. To show the acreage of the principal forage crops in each region - by varieties. To guide distribution of these varieties to areas where they are recommended by experiment stations and extension services. This kind of information is necessary to orderly production and marketing of forage seed, especially where it is produced outside the area of usage. With this in mind the following tables and charts were prepared.

How Information was Obtained

State extension agronomists assumed leadership in drawing together the information from such sources as the State Crop Improvement Associations, the State seed enforcement office, key seed dealers, Federal-State agricultural statisticians and fellow staff members. The expected trend and rate of change are practical expressions of judgment. This judgment is based on the knowledge of the performance of different varieties in the State test plots together with sound ideas of how readily farmers in the State will change to improved varieties once seed is available at realistic prices.

To obtain uniformity of expression throughout the four regions with respect to rate of change the following guidelines were suggested:

Slight	- under 10 percent
Moderate	- 10-20 percent
Sharp	- over 20 percent

How Data Were Summarized

Tables were prepared by States, regions and nationally. Charts were prepared to show the national acreage, varietal trends and crop acreage distribution by regions.

^{1/} This study was compiled by J. M. Saunders, extension agronomist, Agricultural Programs Division, United States Department of Agriculture. State extension agronomists in collaboration with research, industry and other organizations concerned with forage crops, supplied the information for the publication.

How Data Were Summarized (continued)

Information shown on tables include:

Acreage of principal forage crops-by variety-by States

Acreage by variety and expected trend of each variety by regions

Acreage by variety and expected trend-United States

Charts were prepared to show:

Percent each variety represents of the national acreage

The national trend whether up or down and the expected rate of change

Percent of the crop grown in each of the four regions

Symbols and abbreviations used:

1. Symbols of trends:

<u>A. Rate of Increase</u>		<u>B. Rate of Decrease</u>	
Stationary	1.0	Stationary	1.0
Slight Change	1.1	Slight change	0.9
Moderate change	1.2	Moderate change	0.8
Sharp change	1.3	Sharp change	0.7

e.g. 1.2 is a moderate uptrend and 0.8 indicates a moderate downtrend.

2. * = less than 2% of total acreage.

In the use of this material it should be recognized that the acreages reported by varieties are estimates. However, this is, to the best of our knowledge, the most accurate varietal breakdown available.

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1/ Recommendations and Trends reported without acreage

1/ Recommendations and trends reported without acreage

Table 2

Alfalfa: Acreage, Percentage Distribution by Varieties, and Expected Trend by Regions 1961

Variety	NORTHEASTERN				NORTH CENTRAL				SOUTHERN				WESTERN			
	Acreage		Percent of Total Acreage	Expected Trend	Acreage		Percent of Total Acreage	Expected Trend	Acreage		Percent of Total Acreage	Expected Trend	Acreage		Percent of Total Acreage	Expected Trend
	1957-60 Average 1/	1961			1957-60 Average 1/	1961			1957-60 Average 1/	1961			1957-60 Average 1/	1961		
	1,000 acres				1,000 acres				1,000 acres				1,000 acres			
African					75.0	0.4	*	0.8	6.0	5.5	*	1.0	347.0	106.0	2.5	1.0
Alfe	21.0	4.0	*	1.1	1.0	25.3	*	1.0								
Atlantic	141.0	14.5	1.3	0.8	33.0	18.9	*	0.8	167.0	156.8	12.5	1.0	21.0	5.7	*	0.7
"Blende"	45.0	35.5	3.3	1.0	1526.0	1178.0	5.7	1.0					200.0	139.0	3.3	1.1
Buffalo	246.0	237.1	21.8	1.0	1779.0	1965.5	9.5	1.1	289.0	279.0	20.9	1.1	138.0	104.0	2.5	1.0
Caliverde					1.0	1.0	*	0.8		1.0	*	1.0	51.0	35.0	*	0.8
Chillian 21-									1.0				22.0	27.0	*	0.9
Cody					0.2	50.0	*	1.3		0.6	*	1.2		2.5	*	1.3
Common	50.0	25.0	2.3	0.9	1112.0	3641.0	17.5	0.9	517.0	485.0	36.4	0.9	1137.0	724.0	17.1	0.9
Cossack					217.0	404.4	1.9	0.9					39.0	40.0	*	0.8
Culliver						20.0	*	1.3								
DuPuits	242.0	29.1	2.7	1.0	398.0	434.5	2.1	1.0	35.0	44.6	3.3	1.2	79.0	109.2	2.6	1.1
FD 100														1.6	*	1.1
Grimm	22.0				1408.0	1015.0	4.9	0.9					374.0	406.5	9.6	0.8
H. Peruvian									21.0	21.5	1.6	1.0		10.0	*	1.0
Indian									7.0	5.0	*	1.0		13.0		
Ladek					441.0	591.0	2.8	1.0					538.0	536.0	12.7	0.9
Lahonton					1.0	0.5	*	0.7	9.0	17.0	1.3	1.0	281.0	543.0	12.8	1.2
Meek. Beltic		10.0	*	1.3						10.0	*	1.0	50.0	20.0	*	0.7
Moapa		32.1	2.9	1.0	3.0	5.5	*	1.0	36.0	48.1	3.6	1.0	192.0	560.0	13.2	1.2
Narragansett	349.0								1.0				10.0	4.7	*	1.0
New Mex. 16													28.0	21.0	*	1.1
Nomad													16.0			
Okle. Appr.						10.0	*	1.0	9.0	74.0	5.5	1.0				
Ranger	589.0	251.4	23.1	1.0	7057.0	6940.0	33.4	0.9	26.0	37.5	2.8	1.0	1089.0	479.0	11.3	0.9
Rhizoma					5.0	7.5	*	0.9	5.0	3.0	*	0.9		4.0	*	1.1
Rambler													0.9	1.5	*	1.1
Talent													7.0	12.1	*	1.1
Teton					1.0	2.2	*	1.1						1.0	*	1.1
Vernal	212.0	190.4	17.5	1.0	2126.0	4130.0	19.9	1.2	6.0	20.0	1.5	1.2	159.0	333.0	7.9	1.2
Williamsburg	59.0	43.5	4.0	1.0	125.0				95.0	111.5	8.4	1.1	1.0	1.8	*	1.0
Zia										1.0	*	1.0	16.0	0.1	*	1.1
All others		215.0	19.8	1.0		322.0	*			12.0	*	1.0		0.5	*	1.0
Total	1976.0	1087.6	100.0		19309.2	20664.7	100.0		1230.0	1333.1	100.0		4785.9	4228.2	100.0	

1/ Average computed by number of years reported

Table 3 Alfalfa: Acreage, Percentage Distribution by Varieties, and Expected Trend United States 1961

Variety	A C R E A G E		Total Acreage	Expected Trend	S T A T E S	
	1957-60 ^{1/}	1961			Reporting	Recommending
	Average		Percent		No.	No.
	1,000 Acres	1,000 Acres				
Ranger	8761.0	7713.0	28.1	0.9	29	23
Common	5806.0	4875.0	17.8	0.9	30	14
Vernal	2503.0	4673.0	17.1	1.2	27	26
Buffalo	2443.0	2585.0	9.4	1.1	28	22
Grimm	1804.0	1421.0	5.2	0.9	14	4
Blends	1771.0	1352.0	4.9	1.0		
Ladak	979.0	1127.0	4.1	1.0	14	10
DuPuits	754.0	617.0	2.3	1.2	32	21
Moapa	192.0	580.0	2.1	1.2	5	4
All Others		550.0	2.0	1.0		
Lahonton	241.0	561.0	2.0	1.2	10	8
Cossack	256.0	444.0	1.6	0.9	8	3
Atlantic	362.0	196.0	*	0.9	19	15
Williamsburg	280.0	156.0	*	1.0	13	8
African	428.0	112.0	*	1.0	5	1
Narragansett	398.0	90.0	*	1.0	22	18
Oklahoma Appr.	9.0	84.0	*	1.0	5	11
Cody		53.0	*	1.3	5	4
Caliverde	52.0	37.0	*	0.8	3	1
Mairy Peruvian	48.0	31.0	*	1.0	4	2
Alfa	22.0	29.0	*	1.1	4	3
Chillian 21-5	23.0	27.0	*	0.9	2	0
New Mexico 16	29.0	21.0	*	1.1	1	1
Meeker Baltic	50.0	20.0	*	0.7	1	1
Culiver		20.0	*	1.3		
Rhizoma	10.0	14.0	*	1.0	4	2
Talent	7.0	12.0	*	1.1	2	2
Indian	20.0	5.0	*	1.0	1	1
Tefton	1.0	3.0	*	1.1	3	2
Rambler	1.0	2.0	*	1.1	2	2
Zia	16.0	2.0	*	1.1	2	1
Total	27266.0	27390.0	100.0			

^{1/} Average computed by number of years reported

* Less than one percent of total

Table 4 Crimson Clover: Acreage by Varieties and States, North Eastern, North Central Southern and Western Regions 1961[illegible]

Table 5 Crimson Clover: Acreage, Percentage Distribution by Varieties, and Expected Trend by Regions 1961

Variety	NORTHEASTERN				NORTH CENTRAL				SOUTHERN				WESTERN			
	Acreage		Percent of Total Acreage	Expected Trend	Acreage		Percent of Total Acreage	Expected Trend	Acreage		Percent of Total Acreage	Expected Trend	Acreage		Percent of Total Acreage	Expected Trend
	1957-60 Average 1/	1961			1957-60 Average 1/	1961			1957-60 Average 1/	1961			1957-60 Average 1/	1961		
	1,000 acres				1,000 acres				1,000 acres				1,000 acres			
Allen									0.2	1.0	*	1.0				
Auburn									19.0	21.7	1.5	1.1				
Auteuga									136.0	167.1	11.5	1.1				
Common	28.0	23.0	100.0	1.0					645.0	626.0	43.2	1.0	96.0	100.0	83.3	1.0
Chief									2.0	3.9	*	1.2				
Dixie					3	1.0	100.0	1.0	664.0	350.1	24.2	1.0	16.0	20.0	16.7	1.1
Hardy									0.2	10.0	*	1.0				
Reseeding					3				370.0	225.5	15.6	1.0	6.0			
Talladega									46.0	38.6	2.7	0.9				
Thornton									22.0	5.0	*	1.0				
Total	28.0	23.0	100.0		6.0	1.0	100.0		1904.4	1448.9	100.0		118.0	120.0	100.0	
Table 6 Red Clover: Acreage, Percentage Distribution by Varieties, and Expected Trend by Regions 1961																
Chesapeake	15.0	39.0	4.9	1.2	5.0		*		13.0	50.1	4.1	1.2		0.3	*	1.1
Common	1705.0	92.1	11.5	1.0	6749.0	3439.8	76.7	1.0	140.0	184.0	15.2	0.9	363.0	258.0	39.0	1.0
Dollard	7.0	2.7	*	1.2	159.0	96.0	2.1	1.2					5.0	7.2	1.1	1.1
Kenland	280.0	48.1	6.0	0.7	1174.0	362.0	8.0	1.2	535.0	884.1	73.1	1.1	325.0	339.7	51.3	1.0
LaStrein I					8.0				7.0	0.8	*	1.0				
Lakeland														2.2	*	1.3
Mammoth	90.0	81.0	10.1	1.1	308.0	550.0	12.3	0.9								
Medium Red										1.5	*	1.0				
Nolin's					3.0				4.0	2.0	*	1.0				
Orbit										0.5	*	1.2				
Pennscoot	504.0	538.0	67.2	1.1	248.0	35.0	*	1.0	3.0	5.0	*	1.1	67.0	54.3	8.2	1.0
Port Gibbon										2.5	*	1.1				
Tenses										2.0	*	1.2				
Va. Adapted	50.0				199.0				209.0	77.0	6.4	1.0				
Total	2651.0	800.9			8853.0	4482.8			911.0	1209.5	100.0		760.0	661.7		

1/ Average computed by number of years reported

* Less than 1 percent

Table 7 Crimson Clover: Acreage, Percentage Distribution by Varieties, and Expected Trend United States 1961

Variety	A C R E A G E		Total Acreage	Expected Trend	S T A T E S	
	1957-60 ^{1/}	1961			Reporting	Recommending
	Average		Percent	No.	No.	
	1,000 Acres	1,000 Acres				
Common	769.0	749.0	47.0	1.0	14	10
Dixie	683.0	371.1	23.3	1.0	11	10
Re-seeding	379.0	225.5	14.2	1.0	4	4
Autauga	136.0	167.1	10.5	1.1	5	4
Talladega	46.0	38.6	2.4	0.9	3	3
Auburn	19.0	21.7	1.4	1.1	4	3
Mardy	0.2	10.0	*	1.0	1	1
Thornton	22.0	5.0	*	1.0	1	1
Chief	2.0	3.9	*	1.2	5	4
Allen	0.2	1.0	*	1.0	1	0
Total	2056.0	1592.9	100.0			

Table 8	Red Clover:	Acreage, Percentage	Distribution by	Varieties, and Expected Trend	United States 1961	
Common	8957.0	3973.9	55.5	1.0	26	8
Kenland	2314.0	1639.9	22.9	1.1	32	28
Pennscott	822.0	632.3	8.8	1.1	19	17
Mammoth	398.0	631.0	8.8	0.9	8	4
Dollard	171.0	105.9	1.5	1.2	18	15
Chesapeake	33.0	89.4	1.2	1.2	8	8
Va. Adapted	458.0	77.0	1.1	1.0	2	2
Port Gibbon		2.5	*	1.1	2	2
Lakeland		2.2	*	1.3	5	5
Nolin's	7.0	2.0	*	1.0	1	1
Tensas		2.0	*	1.2	1	1
Medium Red		1.5	*	1.0		
LaStrain I	15.0	0.8	*	1.0	2	2
Total	13175.0	7160.9	100			

^{1/} Average computed by number of years reported

* Less than one percent of total

1/ Recommendations and trends reported without acreage

1/	Recommendations and trends reported without acreage
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Table 11 White Clover: Acreage, Percentage Distribution by Varieties, and Expected Trend by Regions 1961

Variety	NORTHEASTERN				NORTH CENTRAL				SOUTHERN				WESTERN			
	Acreage		Percent of Total Acreage	Expected Trend	Acreage		Percent of Total Acreage	Expected Trend	Acreage		Percent of Total Acreage	Expected Trend	Acreage		Percent of Total Acreage	Expected Trend
	1957-60 Average 1/	1961			1957-60 Average 1/	1961			1957-60 Average 1/	1961			1957-60 Average 1/	1961		
	1,000 acres				1,000 acres				1,000 acres				1,000 acres			
Alalu									47.0	45.0	*	0.9				
Common	15.0	15.0	3.9	1.0	118.0	300.0	7.7	1.0	3111.0	2590.0	34.7	1.1	309.0	100.5	10.4	1.0
Ladino	747.0	194.5	51.1	1.0	3644.0	3631.6	92.3	1.0	2405.0	2489.0	33.3	1.0	645.0	695.1	72.0	1.0
La. White									1159.0	1767.0	23.7	0.8		20.0	2.1	1.0
La. S-1									254.0	515.0	6.9	1.2				
Nolin's									100.0	24.0	*	1.0				
New Zealand		170.0	44.7	1.0										75.0	7.8	1.1
Oregon Cert.		0.5	*	1.1					20.0		*	1.2		50.0	5.2	1.0
Pilgrim	20.0								2.0	8.0	*	1.1	24.0	25.0	2.2	1.0
Total	782.0	380.0	100.0		3762.0	3931.6	100.0		7078.0	7458.0	100.0		978.0	965.6	100.0	
Table 12 Sweet Clover: Acreage, Percentage Distribution by Varieties, and Expected Trend by Regions 1961																
Biennial Wh.	1.0	0.5	50.0	1.0	409.0	834.0	23.1	0.9	6.0	47.0	10.5	0.9	40.0	11.0	8.0	1.1
Biennial Yel.		0.5	50.0	1.0		945.0	26.2	0.9		35.0	7.8	0.9	30.0	35.0	25.5	1.1
Common	755.0				1423.0	911.5	25.2	1.0	64.0	11.5	2.6	0.9	118.0	75.5	54.7	1.0
Evergreen					88.0	18.0	*	1.1	7.0	15.0	3.3	1.0				
Florana									39.0	40.5	9.0	1.0				
Goldtop					1.0	0.7	*	1.2					0.2	0.1	*	1.1
Hubam					19.0	22.5	*	1.0	249.0	260.2	60.0	1.1	16.0	11.5	8.3	1.0
Israel									4.0	5.5	1.2	1.1				
Madrid					1292.0	782.7	21.7	0.8	20.0	32.0	7.1	1.0	25.0	4.9	3.5	1.0
M. Indica									6.0	2.0	*	0.8				
Spanish						7.0	*	1.0					15.0			
All others						85.0	2.3	1.0								
Total	756.0	1.0	100.0		3232.0	3611.9	100.0		395.0	448.7			244.2	138.0		

1/ Average computed by number of years reported

* Less than 1 percent

Table 13 White Clover: Acreage, Percentage Distribution by Varieties, and Expected Trend United States 1961

Variety	A C R E A G E		Total Acreage	Expected Trend	S T A T E S	
	1957-60 ^{1/}	1961			Reporting	Recommending
	Average		Percent		No.	No.
	1,000 Acres	1,000 Acres				
Ladino	7441.0	7010.1	55.0	1.0	31	27
Common	3553.0	3005.5	23.6	1.0	17	8
La. White	1159.0	1787.0	14.0	0.8	9	8
La. S-1	254.0	515.0	4.0	1.2	10	10
Ore. Certified		240.0	1.9	1.0	5	5
New Zealand		75.0	*	1.1	2	1
Alalu	47.0	45.0	*	0.9	2	2
Pilgrim	46.0	33.5	*	1.0	7	6
Nolin's	100.0	24.0	*	1.0	1	1
Total	12600.0	12735.1				
Table 14 Sweet Clover: Acreage, Percentage Distribution by Varieties, and Expected Trend United States 1961						
Biennial Yellow	30.0	1015.5	24.2	0.9	13	6
Common	2360.0	998.5	23.8	1.0	13	6
Biennial White	456.0	892.5	21.3	1.0	14	7
Madrid	1337.0	819.6	19.5	0.8	12	9
Hubam	284.0	294.2	7.0	1.1	13	8
Others		85.0	2.0			
Florana	39.0	40.0	*	1.0	2	2
Evergreen	95.0	33.0	*	1.1	5	3
Spanish	15.0	7.0	*	1.0	1	1
M. Indica	6.0	2.0	*	0.8	1	-
Israel	4.0	5.5	*	1.1	2	1
Goldtop	1.2	0.8	*	1.1	3	3
Total	4627.2	4193.6	100			

^{1/} Average computed by number of years reported

* Less than one percent of total

1/ Recommendations and trends reported without acreages

1/ Recommendations and trends reported without acreage

Table 17 Birdefoot Trefoil: Acreage, Percentage Distribution by Varieties, and Expected Trend by Regions 1961

Variety	NORTHEASTERN				NORTH CENTRAL				SOUTHERN				WESTERN			
	Acreage		Percent of Total Acreage	Expected Trend	Acreage		Percent of Total Acreage	Expected Trend	Acreage		Percent of Total Acreage	Expected Trend	Acreage		Percent of Total Acreage	Expected Trend
	1957-60 Average 1/	1961			1957-60 Average 1/	1961			1957-60 Average 1/	1961			1957-60 Average 1/	1961		
	1,000 acres				1,000 acres				1,000 acres				1,000 acres			
Beaver													6.0	6.0	1.3	1.0
Big Trefoil													9.0	10.0	2.2	1.0
Cascade	325.0	75.6	59.5	1.0	214.0	262.3	46.7	1.0	5.0	4.1	65.0	1.0	303.0	402.5	89.9	1.0
Common										0.1	1.8	1.2	10.0	10.0	2.2	0.9
Douglas	125.0	14.0	11.0	1.0	147.0	233.7	41.6	1.1		1.0	15.8	1.0	8.0	12.2	2.7	1.0
Empire									1.0	1.1	17.2	1.1	10.0	6.0	1.3	1.0
Cranger	12.0	10.7	8 1/4	1.2		1.2	*	1.2								
Mansfield	57.0	26.8	21.1	1.1	10.0	64.8	11.5	1.2						1.5	*	1.2
No. Dak. Sel.																
Viking																
Total	519.0	127.1	100.0		371.0	561.5	100.0		6.0	6.3			346.0	447.7	100.0	
Table 18 Vetch: Acreage, Percentage Distribution by Varieties, and Expected Trend by Regions 1961																
Common	3.0	5.5	50.0	1.0	11.0	7.0	1.7	1.0	201.0	87.1	7.4	0.9	46.0	20.0	8.1	1.0
Hairy	10.0	5.6	50.0	1.0	221.0	396.2	98.3	1.0	1017.0	941.0	80.4	1.0	99.0	88.0	35.5	0.9
Lana										6.0	*	1.1	2.0	5.0	2.0	1.1
Madison										1.0	*	1.1	2.0			
Purple									7.0	5.0	*	0.9	90.0	100.0	40.3	1.0
Warrior									9.0	10.0	*	1.3				
Wooly-Pod									5.0	3.5	*	1.0		10.0	4.0	1.3
Williamette									75.0	116.5	9.9	1.0	27.0	25.0	10.1	0.9
Total	13.0	11.1	100.0		232.0	403.2	100.0		1314.0	1170.1	100.0		266.0	248.0	100.0	

1/ Average computed by number of years reported

Table 19 Birdsfoot Trefoil: Acreage, Percentage Distribution by Varieties, and Expected Trend United States 1961

Variety	A C R E A G E		Total Acreage	Expected Trend	S T A T E S	
	1957-60 ^{1/}	1961			Reporting	Recommending
	Average		Percent		No.	No.
	1,000 Acres	1,000 Acres				
Common or Imp.	847.0	744.5	64.2	1.0	18	10
Empire	280.0	260.9	22.5	1.1	22	15
Viking	67.0	93.1	8.0	1.2	16	11
Granger	11.0	23.2	2.0	1.2	3	2
Mansfield	12.0	10.7	*	1.2	7	7
Douglas	10.0	10.1	*	1.2	2	2
Cascade	9.0	10.0	*	1.0	2	2
Beaver	6.0	6.0	*	1.0	2	2
N. D. Select		1.2	*	1.2	1	1
Total	1242.0	1159.7				
Table 20	Vetch: Acreage, Percentage Distribution by Varieties, and expected trend United States 1961					
Hairy	1347.0	1430.8	78.5	1.0	29	20
Williamette	102.0	141.5	7.8	1.0	5	5
Common	261.0	119.6	6.6	1.0	13	8
Purple	97.0	105.0	5.8	1.0	2	2
Lana	2.0	11.0	*	1.1	3	3
Warrior	9.0	10.0	*	1.2	1	1
Wooly-pod	5.0	3.5	*	1.0	4	4
Madison	2.0	1.0	*	1.1	1	1
Total	1826.0	1822.4	100			

^{1/} Average computed by number of years reported

* Less than one percent of total

1/ Recommendations and trends reported without acreage

Table 23

Millet: Acreage, Percentage Distribution by Varieties, and Expected Trend by Regions 1961

Variety	NORTHEASTERN				NORTH CENTRAL				SOUTHERN				WESTERN			
	Acreage		Percent of Total Acreage	Expected Trend	Acreage		Percent of Total Acreage	Expected Trend	Acreage		Percent of Total Acreage	Expected Trend	Acreage		Percent of Total Acreage	Expected Trend
	1957-60 Average 1/	1961			1957-60 Average 1/	1961			1957-60 Average 1/	1961			1957-60 Average 1/	1961		
	1,000 acres				1,000 acres				1,000 acres				1,000 acres			
Browntop									148.0	145.5	15.2	1.0				
Cattail					18.0	2.2	1.5	1.0	30.0	34.0	3.6	1.0	20.0			
Common					8.0			0.9	1.0		*	1.0	38.0	40.0	32.0	1.0
Com. Foxtail					0.4			1.0	3.0	1.5			4.0			1.0
Can. Crown					17.0	24.0	12.9	1.0								
Early Fortune									45.0	169.5	17.7	1.3	4.0			
Gahi I		0.5	2.1	1.0	7.0	13.7	7.3	1.0	72.0	142.5	14.9	1.0	13.0	15.0	12.0	1.0
German Foxtail	1.0	1.0	4.2	1.0		2.2	1.2	1.0								
Hungarian	4.0	1.4	5.9	1.0		0.2	*	1.0								
Japanese	17.0	16.0	66.9	1.0		0.4	*	1.1								
Manta					0.2				268.0	102.5	10.7	1.0				
Pearl	5.0	5.0	20.9	1.0					3.0	2.0	*	1.1	1.0			
Pearl No. 7						9.0	4.8	1.3						20.0	16.0	1.0
Red Turghai						1.0	*		392.0	243.5	25.4	1.2	5.0			
Siberian					35.0	59.5	31.7	1.0		116.0	12.1	1.0		10.0	8.0	1.0
Starr														20.0	16.0	1.0
Wh. Wonder					60.0	70.5	37.6	1.0						20.0	16.0	1.0
Wh. Proso																
Total	27.0	23.9			145.6	182.7			962.0	957.0			119.0	125.0		
Table 24 Pregrass: Acreage, Percentage Distribution by Varieties, and Expected Trend by Regions 1961																
Common		10.0	13.2	1.0		25.2	35.6	1.1		175.0	15.2	1.1		122.0	11.0	1.1
Domestic		59.8	78.8	1.0		20.0	28.2	1.0		145.0	12.6	1.1		150.0	13.6	1.0
Gulf										81.0	7.0	1.2		5.0	*	1.1
Italian						20.0	28.2	1.0		721.5	62.8	1.1		1.0	*	1.0
Linn														5.0	*	1.2
New Zealand														1.0	*	1.1
Perennial		6.1	8.0	1.0		5.7	8.0	1.0		28.0	2.4	1.0		818.0	74.0	1.2
Parannial S-28														3.0	*	1.2
Total		75.9	100.0			70.9	100.0			1150.5	100.0			1105.0	100.0	

1/ Average computed by number of years reported

* Less than one percent

Table 25 Millet: Acreage, Percentage Distribution by Varieties, and Expected Trend United States 1961

Variety	A C R E A G E		Total Acreage	Expected Trend	S T A T E S	
	1957-60 1/	1961			Reporting	Recommending
	Average		Percent		No.	No.
	1,000 Acres	1,000 Acres				
Starr	397.0	244.5	20.6	1.2	12	9
German Foxtail	93.0	172.2	14.5	1.0	12	7
Gahi I	49.0	170.0	14.3	1.3	12	11
Browntop	148.0	145.5	12.3	1.0	6	3
Pearl	273.5	107.5	9.1	1.0	9	6
White Proso	72.0	95.5	8.1	1.0	3	3
Siberian	151.0	79.6	6.7	1.0	5	3
Common	57.0	42.8	3.6	1.0	2	-
Cattail	50.0	35.0	2.9	1.0	4	2
Red Turghai		29.0	2.4	1.1	2	2
Early Fortune	17.0	24.0	2.0	1.0	2	2
White Wonder	22.0	20.0	1.7	1.0	1	1
Japanese	17.0	16.2	1.4	1.0	7	5
Hungarian	4.0	3.6	*	1.0	7	5
Pearl No. 7	3.0	2.0	*	1.1	1	1
Common Foxtail	15.0	1.5	*	1.0		
Manta	0.2	0.4	*	1.1	1	1
Canadian Crown	0.4		*	1.0	1	1
Total	1375.1	1189.3	100.0			
Table 26 Ryegrass: Acreage, Percentage Distribution by Varieties, and Expected Trend United States 1961						
Perennial		857.8	35.7	1.2	13	6
Italian		742.5	30.9	1.1	9	7
Domestic		374.8	15.6	1.0	9	9
Common		332.0	13.8	1.1	10	8
Gulf		86.0	3.6	1.2	2	2
Linn		5.0	*	1.2	1	1
Perennial S-23		3.0	*	1.2	2	1
New Zealand		1.0	*	1.1	1	1
Total		2402.1	100.0			

^{1/} Average computed by number of years reported

* Less than one percent of total

1/ Recommendations and trends reported without acreage

1/ Recommendations and trends reported without acreage

Table 29

Timothy: Acreage, Percentage Distribution by Varieties, and Expected Trend by Region 1961

Variety	NORTHEASTERN				NORTH CENTRAL				SOUTHERN				WESTERN			
	Acreage		Percent of Total Acreage	Expected Trend	Acreage		Percent of Total Acreage	Expected Trend	Acreage		Percent of Total Acreage	Expected Trend	Acreage		Percent of Total Acreage	Expected Trend
	1957-60 Average 1/	1961			1957-60 Average 1/	1961			1957-60 Average 1/	1961			1957-60 Average 1/	1961		
	1,000 acres				1,000 acres				1,000 acres				1,000 acres			
Common		1918.5	96.0	1.0		8205.0	97.6	1.0		50.0	99.0	1.0		40.0	66.6	1.0
Climax		63.7	3.2	1.2		105.0	1.2	1.2						20.0	33.4	1.1
Cleir									8	0.5	1.0	1.3				
Eseex		15.3	*	1.3												
Lorain						100.0	1.2	1.2								
Total		1997.5	100.0			8410.0	100.0			50.5	100.0			60.0	100.0	
Table 30 Lespedeza: Acreage, Percentage Distribution by Varieties, and Expected Trend by Regions 1961																
Climax	1.0	1.0	0.9		8.0	*	1.0		9.7	*	1.1					
Common					202.1	3.2	1.0		190.0	3.6	0.9					
Kobe	10.0	10.2	1.0		53.0	*	1.2		2392.0	45.7	0.9					
Korean (Std.)	78.0	79.6	1.0		1070.0	16.8	1.0		1695.0	32.4	0.9					
Rowan	8.0	8.2	1.1		5000.0	78.6	1.0		136.0	2.6	1.1					
Serecie (Co.)	1.0	1.0	1.0		3.2	*			567.5	10.8	1.0					
Serecie (Arl.)									240.5	4.6	1.0					
Iowa-6					25.2	*	1.0									
Total	98.0	100.0			6361.5	100.0			5230.7							

1/ Average computed by number of years reported

* Less than one percent

Table 31 Timothy: Acreage, Percentage Distribution by Varieties, and Expected Trend United States 1961

Variety	A C R E A G E		Total Acreage	Expected Trend	S T A T E S	
	1957-60 1/	1961			Reporting	Recommending
	Average		Percent		No.	No.
	1,000 Acres	1,000 Acres				
Common		10213.5	97.1	1.0	22	16
Climax		188.7	1.8	1.2	10	6
Lorain		100.0	*	1.2	1	-
Essex		15.3	*	1.3	4	4
Clair		0.5	*	1.3	1	1
Total		10518.0	100			
Table 32 Lespedeza: Acreage, Percentage Distribution by Varieties, and Expected Trend United States 1961						
Rowan		5144.0	44.0	1.0	6	6
Korean Std.		2843.0	24.3	0.9	15	15
Serecia (Com)		571.7	4.9	1.0	11	9
Common		392.1	2.8	1.0	8	3
Serecia (Arl.)		240.5	2.1	1.0	3	3
Iowa 6		25.2	*	1.0	2	2
Climax		18.7	*	1.0	8	7
Total		11690.2	100.0			

^{1/} Average computed by number of years reported

* Less than one percent of total

1/ Recommendations and trends reported without ecreege

1/ Recommendations and trends reported without acreage.

Table 35 Orchardgrass: Acreage, Percentage Distribution by Varieties, and Expected Trend by Regions 1961

Variety	NORTHEASTERN				NORTH CENTRAL				SOUTHERN				WESTERN			
	Acreage		Percent of Total Acreage	Expected Trend	Acreage		Percent of Total Acreage	Expected Trend	Acreage		Percent of Total Acreage	Expected Trend	Acreage		Percent of Total Acreage	Expected Trend
	1957-60 Average 1/	1961			1957-60 Average 1/	1961			1957-60 Average 1/	1961			1957-60 Average 1/	1961		
	1,000 acres				1,000 acres				1,000 acres				1,000 acres			
Akaroa	363.0	212.3	68.2	0.9	1074.0	1300.5	74.4	1.2	912.0	390.5	22.0	1.1	222.0	102.0	19.8	1.0
Common						1.0	*	1.0	280.0	290.0	16.4	0.7		821.5	78.8	1.0
Danish					399.0	330.0	18.9	1.2	622.0	1072.0	60.5	1.0				
Domestic									2.0	2.0	*	1.2				
Ky. Select																
Latar																
Potomac	1.0	5.0	1.6	1.1	6.0	15.0	*	1.2	103.0	16.5	*	1.3	23.0	47.0	4.5	1.1
Pennlete		5.0	1.6	1.2		20.0	1.1	1.1					10.0	43.5	4.2	1.0
S-37	54.0	89.0	28.6	1.1	13.0	80.5	4.6	1.1								
S-143													291.0	29.0	2.7	0.8
Total	483.0	311.3	100.0		1492.0	1747.0	100.0		1919.0	1771.0	100.0		546.0	1043.0	100.0	
Table 36 Wheatgrass: Acreage, Percentage Distribution by Varieties, and Expected Trend by Regions 1961																
Amur						0.2	*	1.0					18.0	25.0	1.8	1.1
Fairway (Cr.)					43.0	113.0	6.5	1.1					141.0	20.0	1.4	1.0
Greenar					1.0	0.4	*	1.1					170.0	206.3	14.5	0.9
Intermediate					12.0	58.2	3.3	0.9					143.0	183.0	12.9	1.0
Nordan Cr.					203.0	477.0	27.5	1.1					62.0	91.0	6.4	1.2
Nebr. 50					5.0	23.2	1.3	1.1					10.0	15.1	1.1	1.1
Pubescent (St)					1.0	1.1	*	1.0					64.0	40.0	2.8	1.1
Ree						0.4	*	1.0								
Slender					77.0	125.0	7.2	1.0						1.0	*	1.0
Standard Cr.					319.0	560.0	32.3	0.9					1209.0	491.0	34.6	1.0
Siberian													35.0	3.5	*	1.0
Sodar													3.0	4.0	*	1.0
Tall					24.0	63.3	3.6	1.2					72.0	65.0	4.6	1.0
Topar													13.0	13.5	*	0.8
Western					177.0	226.0	13.0	1.1	50.0	70.0	100.0	1.0	91.0	227.0	16.0	1.0
Whitmar					5.0	92.0	5.3	1.0					28.0	35.0	2.5	1.0
Total					867.0	1739.8	100.0		50.0	70.0	100.0		2059.0	1420.4	100.0	

1/ Average computed by number of years reported

* Less than one percent

Table 37 Orchardgrass: Acreage, Percentage Distribution by Varieties, and Expected Trend United States 1961

Variety	A C R E A G E		Total Acreage	Expected Trend	S T A T E S	
	1957-60 ^{1/}	1961			Reporting	Recommending
	Average		Percent		No.	No.
	1,000 Acres	1,000 Acres				
Common	2349.0	2724.8	56.3	1.1	22	14
Domestic	1021.0	1402.0	28.9	1.1	5	4
Danish	280.0	291.0	6.0	0.7	5	2
S-37	67.0	169.5	3.5	1.1	8	7
Akaroa	222.0	102.0	2.1	1.0	5	4
Potomac	120.0	80.0	1.7	1.2	13	10
Latar	23.0	47.0	*	1.1	4	4
S-143	356.0	29.0	*	0.8	2	2
Pennlate	-	25.0	*	1.1		
Ky. Select	2.0	2.0	*	1.2	1	1
Total	4440.0	4872.3	100.0			
Table 38 Wheatgrass: Acreage, Percentage Distribution by Varieties, and Expected Trend United States 1961						
Standard Cr.	1528.0	1051.0	32.5	0.9	10	9
Nordan Cr.	265.0	568.0	17.6	1.1	8	7
Western	318.0	523.0	16.2	1.0	8	7
Intermediate	155.0	241.2	7.5	1.0	10	7
Greenar	171.0	206.7	6.4	0.9	6	6
Fairway Cr.	184.0	133.0	4.1	1.1	4	3
Tall	96.0	128.3	4.0	1.1	12	11
Whitmar	33.0	127.0	4.0	1.0	3	3
Slendar	77.0	125.0	3.9	1.0	3	3
Nebraska 50	15.0	38.3	*	1.1	4	3
Amur	18.0	25.2	*	1.1	3	2
Topar	13.0	13.5	*	0.8	4	3
Sodar	3.0	4.0	*	1.0	3	3
Siberian	35.0	3.5	*	1.0	3	3
Ree		0.4	*	1.0	1	1
Total	2976.0	3229.2	100.0			

Table 38 Wheatgrass: Acreage, Percentage Distribution by Varieties, and Expected Trend United States 1961

Standard Cr.	1528.0	1051.0	32.5	0.9	10	9
Nordan Cr.	265.0	568.0	17.6	1.1	8	7
Western	318.0	523.0	16.2	1.0	8	7
Intermediate	155.0	241.2	7.5	1.0	10	7
Greenar	171.0	206.7	6.4	0.9	6	6
Fairway Cr.	184.0	133.0	4.1	1.1	4	3
Tall	96.0	128.3	4.0	1.1	12	11
Whitmar	33.0	127.0	4.0	1.0	3	3
Slendar	77.0	125.0	3.9	1.0	3	3
Nebraska 50	15.0	38.3	*	1.1	4	3
Amur	18.0	25.2	*	1.1	3	2
Topar	13.0	13.5	*	0.8	4	3
Sodar	3.0	4.0	*	1.0	3	3
Siberian	35.0	3.5	*	1.0	3	3
Ree		0.4	*	1.0	1	1
Total	2976.0	3229.2	100.0			

^{1/} Average computed by number of years reported

* Less than one percent of total

Table 39 Wheatgrass: Acreage by Varieties and States, North Eastern, North Central Southern and Western Regions 1961

1/ Recommendations and trends without acreage

Table 41 Bromegrass: Acreage, Percentage Distribution by Varieties, and Expected Trend by Regions 1961

Variety	NORTHEASTERN				NORTH CENTRAL				SOUTHERN				WESTERN			
	Acreage		Percent of Total Acreage	Expected Trend	Acreage		Percent of Total Acreage	Expected Trend	Acreage		Percent of Total Acreage	Expected Trend	Acreage		Percent of Total Acreage	Expected Trend
	1957-60 Average 1/	1961			1957-60 Average 1/	1961			1957-60 Average 1/	1961			1957-60 Average 1/	1961		
	1,000 acres				1,000 acres				1,000 acres				1,000 acres			
Achanbach	12.0				1733.0	1795.0	20.6	1.2	8.0	8.8	22.8	1.0	33.0	25.0	4.2	1.0
Blando													5.0	10.0	1.7	1.1
Common So.	189.0	11.5	12.8	1.0	2650.0	1638.3	18.8	1.0	5.0				122.0	33.0	5.5	1.0
Common No.	35.0				1653.0	2212.2	25.4	1.0					122.0	62.0	10.3	1.1
Chapel Hill										7.0	18.2	1.0				
Elsberry	2.0	4.0	4.4	1.0	61.0	17.0	*	0.9								
Fischer	1.0				95.0	144.0	1.7	1.0								
Homestead					105.0	105.4	1.2	1.0								
Lancaster					27.0	38.5	*	1.0								
Lincoln																
Lyon	338.0	72.0	79.8	0.9	2252.0	2639.2	30.3	0.9	1.0	7.5	19.4	1.0	63.0	94.0	15.7	1.0
Manchar						0.5	*	1.0					5.0	25.0	4.2	1.0
Southland					7.0	20.5	*	1.0					336.0	329.5	55.0	1.1
Saratoga					35.0	86.2	1.0	1.3	5.0	15.3	39.6	1.0	1.0			
														21.0	3.4	1.0
Total	599.0	90.2	100.0		8618.0	8697.0	100.0		19.0	38.6	100.0		677.0	599.5	100.0	
Table 42 Sudangrass: Acreage, Percentage Distribution by Varieties, and Expected Trend by Regions 1961																
Common	14.0	3.0	6.0	0.9	55.0	288.5	24.9	1.0	373.0	337.5	49.2	1.0	83.0	60.0	15.8	1.0
DeKalb-Sudan										5.0	*	1.3				
Hybrid-Sudan		6.0	12.0	1.2												
Greenleaf					174.0	226.5	19.5	1.0	11.0	38.5	5.6	1.0	8.0	21.2	5.6	1.1
Lahoma					5.0	2.0	*	0.8		15.0	2.2	1.2				
Piper	79.0	36.8	73.4	0.9	421.0	501.0	43.2	1.2	55.0	61.1	8.9	1.1	111.0	138.6	39.1	1.0
Sudan 23													45.0	48.0	12.6	1.0
Sweet	5.0	6.0	12.0	1.1	10.0				141.0	150.5	21.9	1.0	25.0	10.5	2.8	1.0
Sweet 372	12.0				12.0	6.0	*	1.0	1234.0				40.0	30.0	8.0	1.0
Sweet S-1						11.2	*	1.0								
Tift																
Wheeler	3.0	1.0	*	1.0	2.0	6.5	*	1.0	35.0	79.0	11.5	1.1	12.0	10.5	2.8	1.0
					252.0	118.0	10.2	1.2	1.0				60.0	50.0	13.3	1.0
Total	113.0	52.8			931.0	1159.7	100.0		1850.0	686.6	100.0		384.0	368.8	100.0	

^{1/} Average computed by number of years reported

* Less than one percent

Table 44 Bromegrass: Acreage, Percentage Distribution by Varieties, and Expected Trend United States 1961

Variety	A C R E A G E		Total Acreage	Expected Trend	S T A T E S	
	1957-60 $\frac{1}{2}$	1961			Reporting	Recommending
	Average		Percent		No.	No.
	1,000 Acres	1,000 Acres				
Lincoln	2654.0	2812.7	29.8	0.9	27	19
Common No.	210.0	2274.2	24.1	1.0	11	5
Achenbach	1786.0	1828.8	19.4	1.0	14	11
Common So.	2966.0	1682.8	17.9	1.0	11	4
Manchar	345.0	350.0	3.7	1.1	8	7
Fischer	96.0	144.0	1.5	1.0	6	4
Homestead	105.0	105.4	1.1	1.0	2	1
Southland	41.0	97.5	1.0	1.1	7	7
Lancaster	27.0	38.5	*	1.0	3	2
Lyon	5.0	25.5	*	1.0	3	2
Saratoga	20.0	23.7	*	1.1	7	6
Elsberry	63.0	21.4	*	0.9	3	3
Blando	5.0	10.0	*	1.1	1	1
Chapel Hill		7.0	*	1.0	2	-
Total	8323.0	9421.5	100.0			
Table 45 Sudangrass: Acreage, Percentage Distribution by Varieties, and Expected Trend United States 1961						
Piper	666.0	746.5	32.8	1.2	35	32
Common	525.0	639.0	30.3	1.0	21	8
Greenleaf	193.0	386.2	12.6	1.0	14	11
Wheeler	313.2	168.0	7.4	1.0	2	2
Sweet	181.0	167.0	7.3	1.0	16	9
Tift	52.0	97.0	4.3	1.1	14	10
Sudan 23	45.0	48.0	2.1	1.0	2	1
Sweet 372	1298.0	36.0	1.6	1.0	6	2
Lahoma	5.0	17.0	*	1.2	2	1
Sweet S-1		11.2	*	1.0	1	-
Hybrid Sudan		6.0	*	1.2	1	1
DeKalb Sudan		5.0	*	1.3	1	-
Total	3278.2	2276.9	100.0			

 $\frac{1}{2}$ Average computed by number of years reported

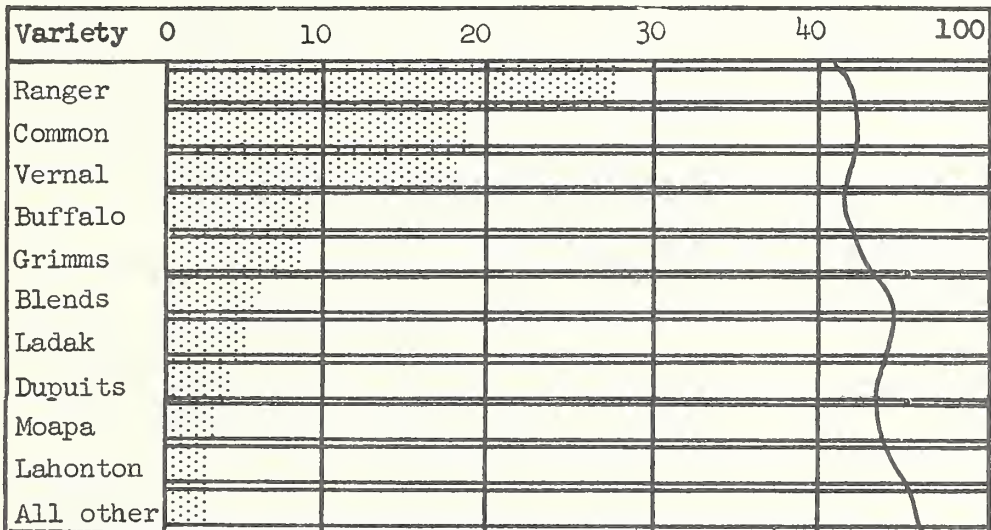
* Less than one percent of total

1/ Recommendations and trends reported without exception

TRENDS IN FORAGE CROPS VARIETIES

Alfalfa

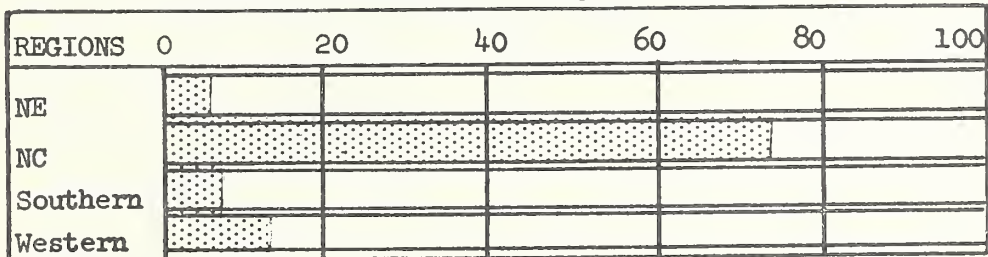
Percent of National Acreage by Varieties



African, Alfa, Atlantic, Caliverde, Chill. 21-5, Cody, Cossack
 H. Peru., Indian, Meeker Baltic, Narra. N.M. 16, Okla. Appr.
 Culiver, Rhizoma, Rambler, Talent, Tifton, Wmburg., Zia

1/ Varieties constituting less than 2 percent of the national acreage

Percent of National Acreage by Regions



TRENDS IN FORAGE CROPS VARIETIES

Alfalfa

National Trends							
3/ Variety	UP				DOWN		
	1.3	1.2	1.1	1.0	0.9	0.8	0.7
Cody							
Culiver							
Moapa							
Lahonton							
DuPuits							
Vernal							
Alfa							
Buffalo							
New Mexico 16							
Rambler							
Talent							
Tifton							
Zia							
Atlantic							
Ranger							
Common							
Grimm							
Caliverde							
Meeker Baltic							
2/ African , Blends, Chillian 21-5, Common, Cossack, H. Peruvian, Indian, Ladak, Narra., Okla. Appr., Rhizoma, Williamsburg, All Others							

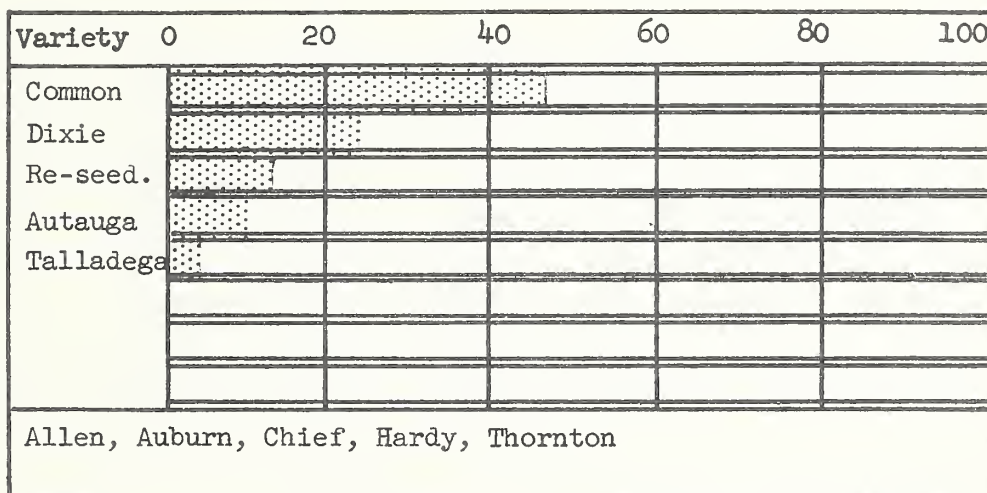
2/ Varieties expected to remain Stationary

Degree of Trends			
UP		DOWN	
1.1	Less than 10 percent	0.9	Less than 10 percent
1.2	10 to 20 percent	0.8	10 to 20 percent
1.3	Over 20 percent	0.7	Over 20 percent

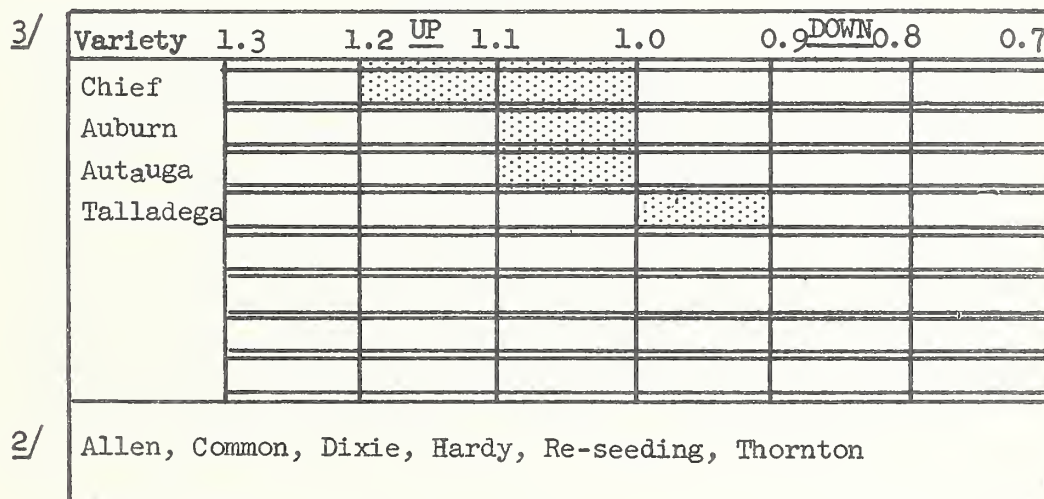
TRENDS IN FORAGE CROPS VARIETIES

Crimson Clover

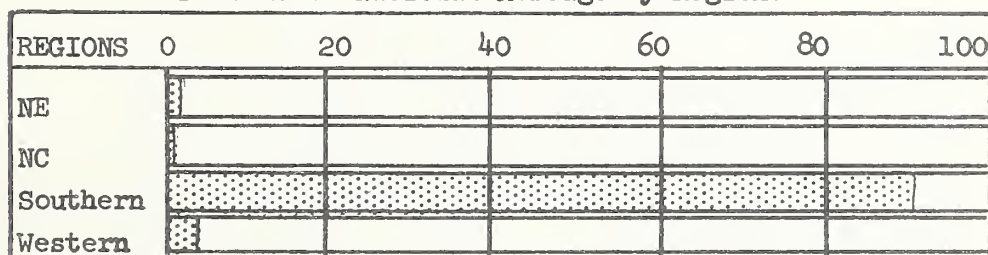
Percent of National Acreage by Varieties



National Trends



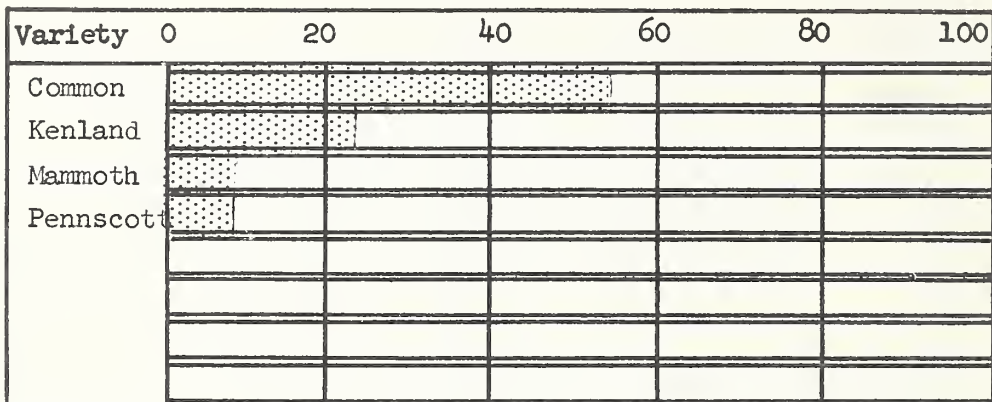
Percent of National Acreage by Regions



TRENDS IN FORAGE CROPS VARIETIES

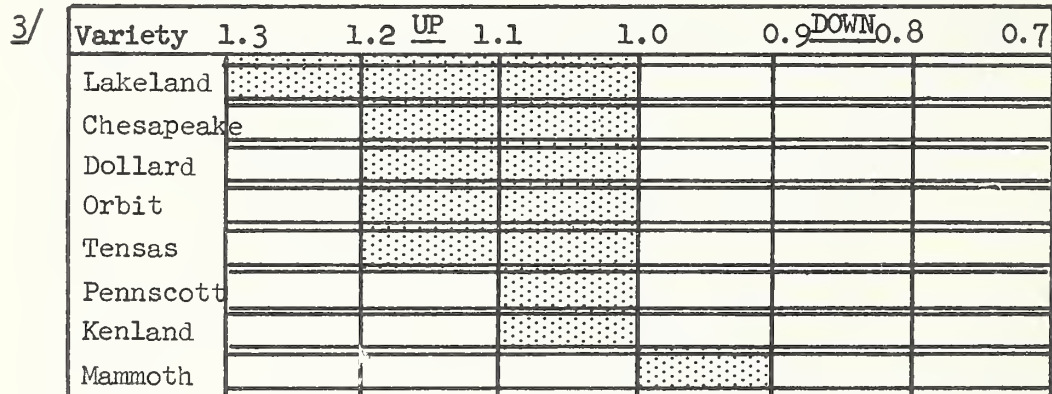
Red Clover

Percent of National Acreage by Varieties



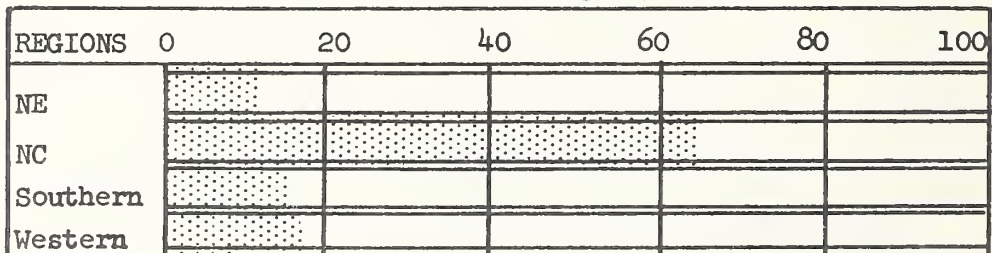
1/ Chesapeake, Dollard, LaStrain I, Lakeland, Med. Red., Nolin's Orbit, Port Gibbon, Tensas, Va. Adapted

National Trends



2/ Common, LaStrain I, Med. Red., Nolin's, Port Gibbon, Va. Adapted.

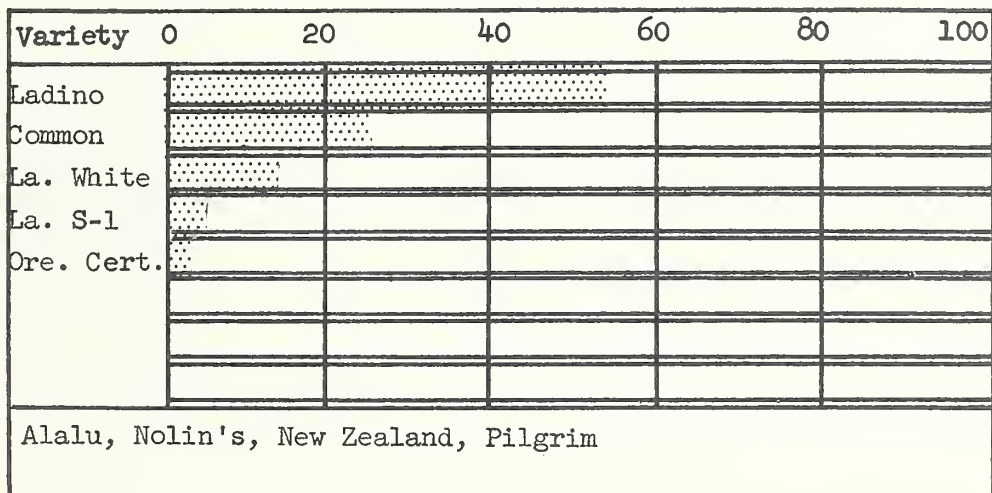
Percent of National Acreage by Regions



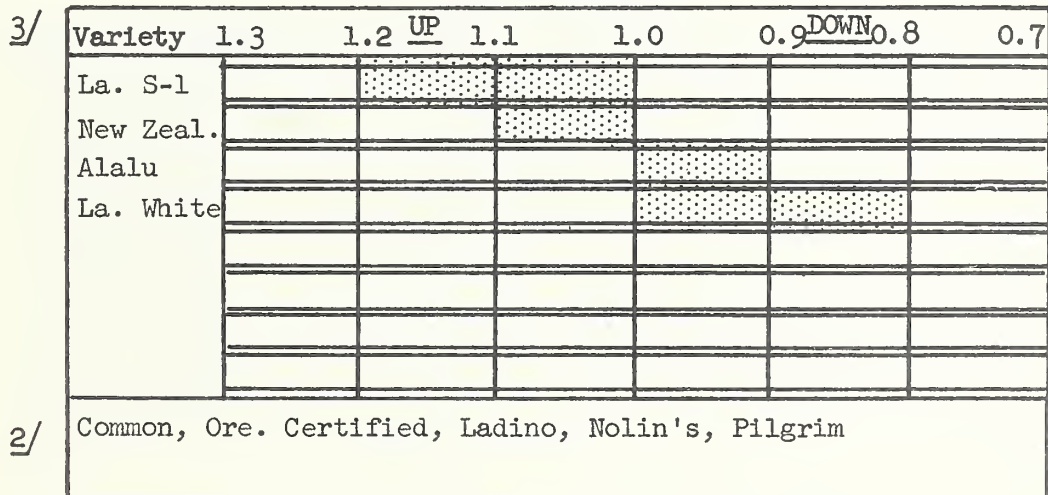
TRENDS IN FORAGE CROPS VARIETIES

White Clover

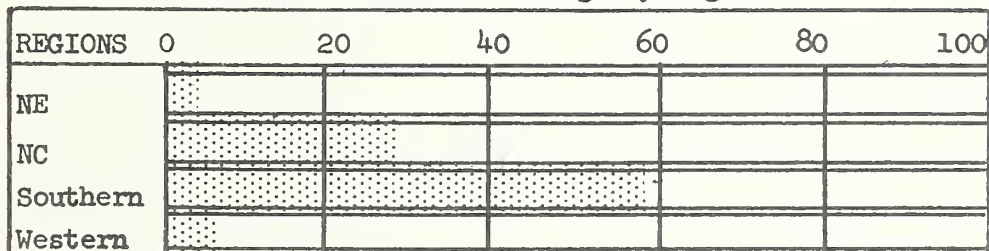
Percent of National Acreage by Varieties



National Trends



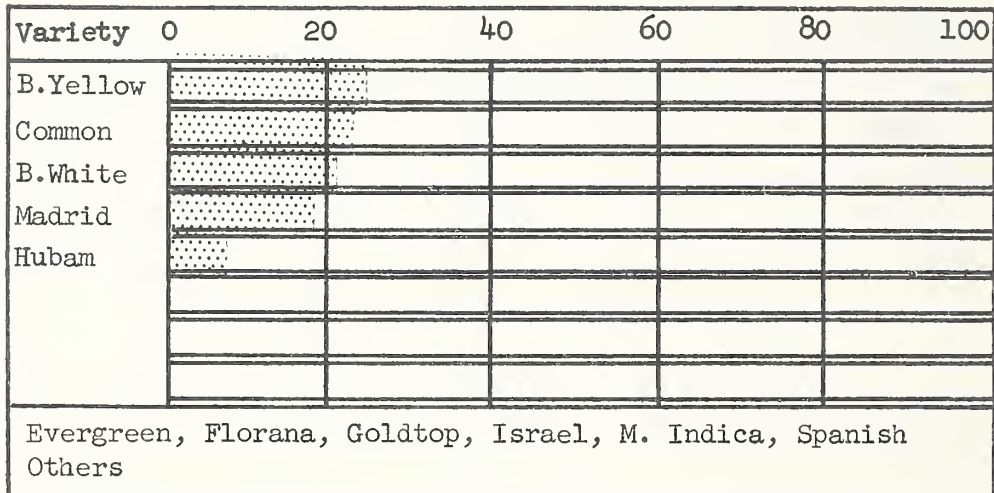
Percent of National Acreage by Regions



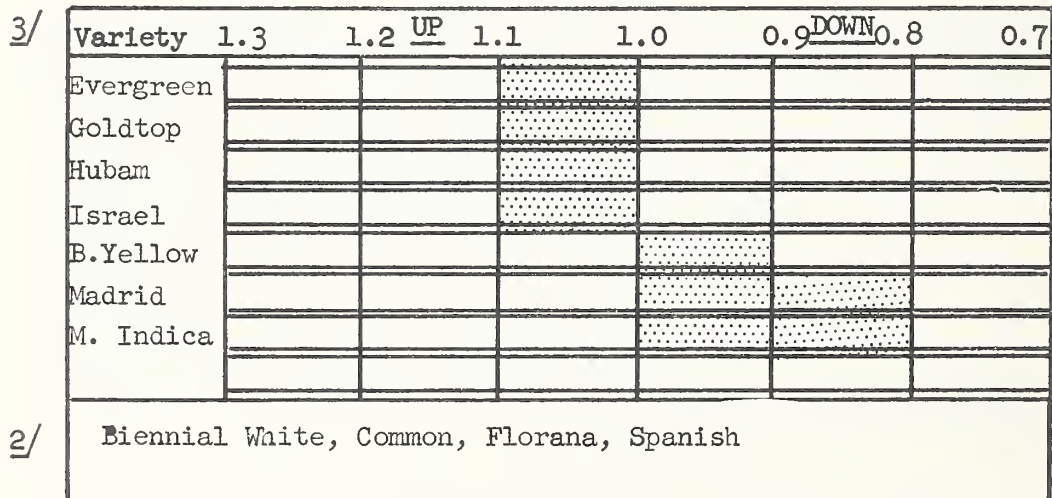
TRENDS IN FORAGE CROPS VARIETIES

Sweet Clover

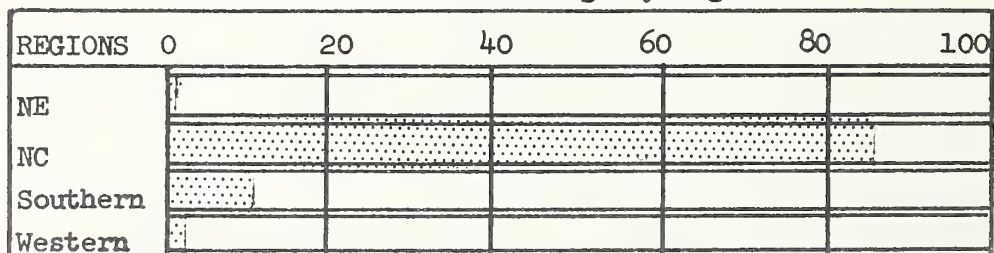
Percent of National Acreage by Varieties



National Trends



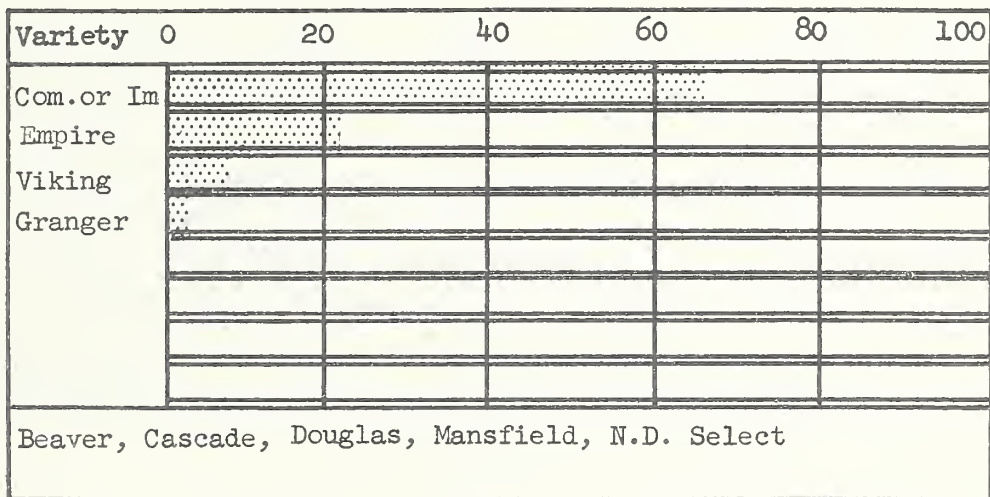
Percent of National Acreage by Regions



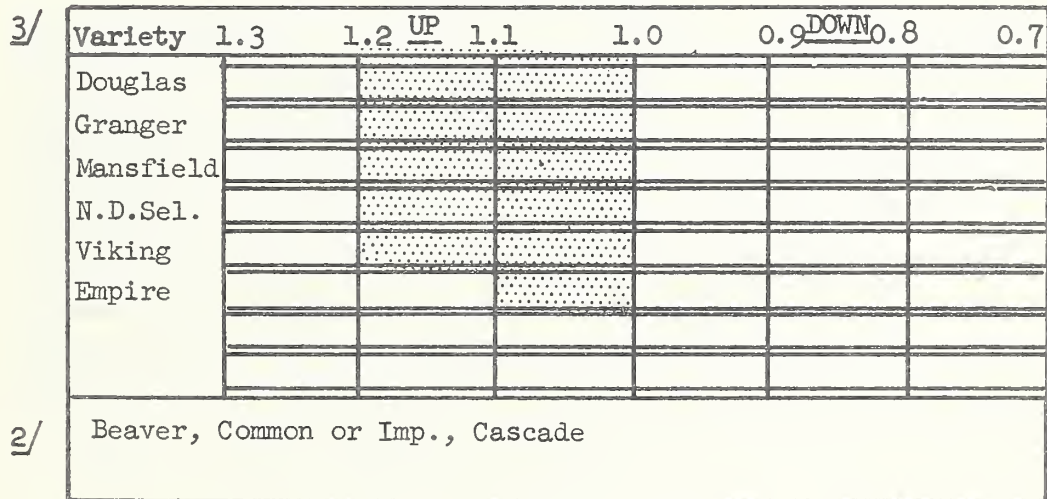
TRENDS IN FORAGE CROPS VARIETIES

Birdsfoot Trefoil

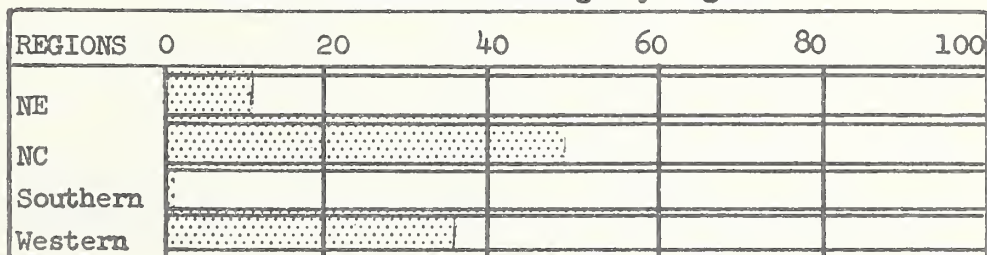
Percent of National Acreage by Varieties



National Trends



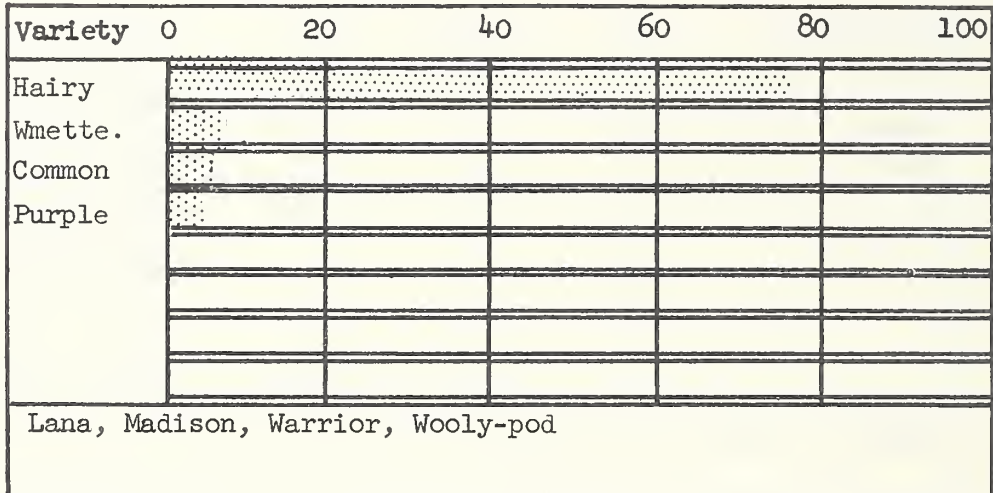
Percent of National Acreage by Regions



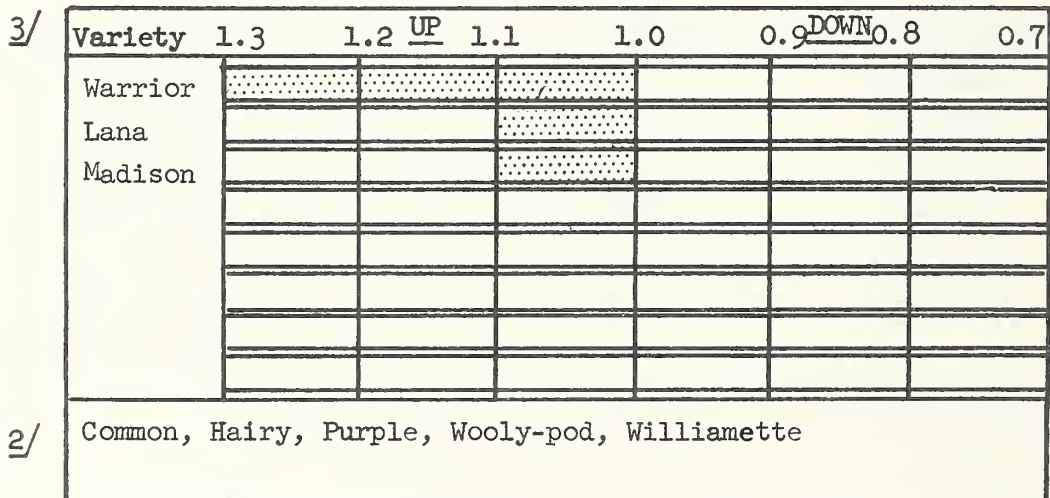
TRENDS IN FORAGE CROPS VARIETIES

Vetch

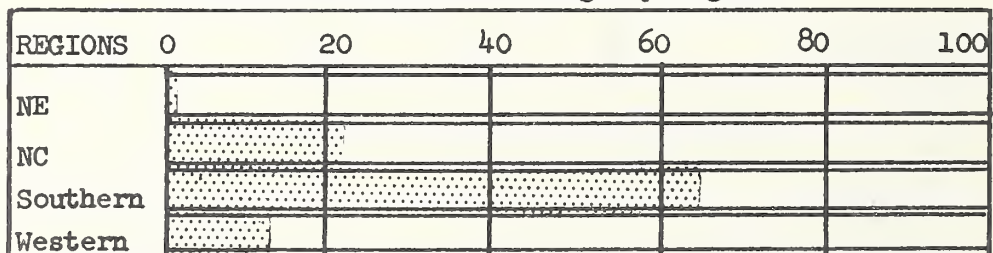
Percent of National Acreage by Varieties



National Trends



Percent of National Acreage by Regions



TRENDS IN FORAGE CROPS VARIETIES

Millet

Percent of National Acreage by Varieties

Variety	0	20	40	60	80	100
Starr						
Ger.Fox.						
Gahi I						
Browntop						
Pearl						
W.Proso						
Siberian						
Common						

1/ Cattail, Canadian Crown, Early Fortune, Hungarian, Japanese Manta, Pearl No. 7, Com. Foxtail, Red Turghai, White Wonder

National Trends

Variety	1.3	1.2	UP	1.1	1.0	0.9	DOWN	0.8	0.7
Gahi I									
Starr									
Red Tur.									
Pearl 7									
Manta									

2/ Browntop, Cattail, Common, Canadian Crown, Early Fortune German Foxtail, Hungarian, Japanese, Pearl, Common Foxtail Siberian, White Wonder, White Proso

Percent of National Acreage by Regions

REGIONS	0	20	40	60	80	100
NE						
NC						
Southern						
Western						

TRENDS IN FORAGE CROPS VARIETIES

Ryegrass

Percent of National Acreage by Varieties

Variety	0	20	40	60	80	100
Perennial						
Italian						
Domestic						
Common						
Gulf						

1/ Linn, New Zealand, Perennial S-23

National Trends

Variety	1.3	1.2	UP	1.1	1.0	0.9	DOWN	0.8	0.7
Gulf									
Linn									
Perennial									
Per. S-23									
N. Zealand									
Italian									
Common									

2/ Domestic

Percent of National Acreage by Regions

REGIONS	0	20	40	60	80	100
NE						
NC						
Southern						
Western						

TRENDS IN FORAGE CROPS VARIETIES

Timothy

Percent of National Acreage by Varieties

Variety	0	20	40	60	80	100
Common						
Climax						
1/ Clair, Essex, Lorain						

National Trends

3/ Variety	1.3	1.2 <u>UP</u>	1.1	1.0	0.9 <u>DOWN</u>	0.8	0.7
Clair							
Essex							
Climax							
Lorain							
2/ Common							

Percent of National Acreage by Regions

REGIONS	0	20	40	60	80	100
NE						
NC						
Southern						
Western						

TRENDS IN FORAGE CROPS VARIETIES

Lespedeza

Percent of National Acreage by Varieties

Variety	0	20	40	60	80	100
Rowan						
Korean(S)						
Kobe						
Serecia(C)						
Common						
Serecia(A)						
1/ Climax, Iowa-6						

National Trends

Variety	1.3	1.2	UP	1.1	1.0	0.9	DOWN	0.8	0.7
Kobe									
Korean(S)									
2/ Climax, Common, Rowan, Serecia (Com), Serecia (Arl), Iowa-6									

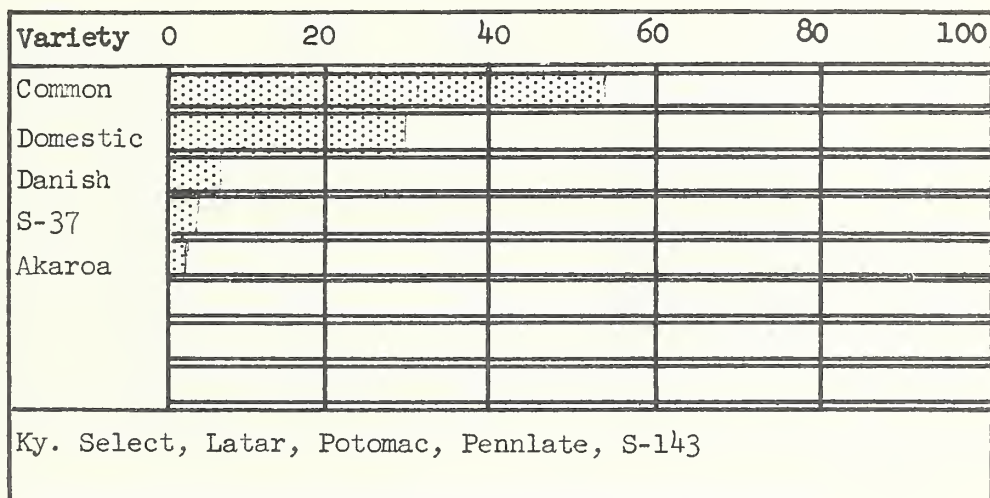
Percent of National Acreage by Regions

REGIONS	0	20	40	60	80	100
NE						
NC						
Southern						
Western						

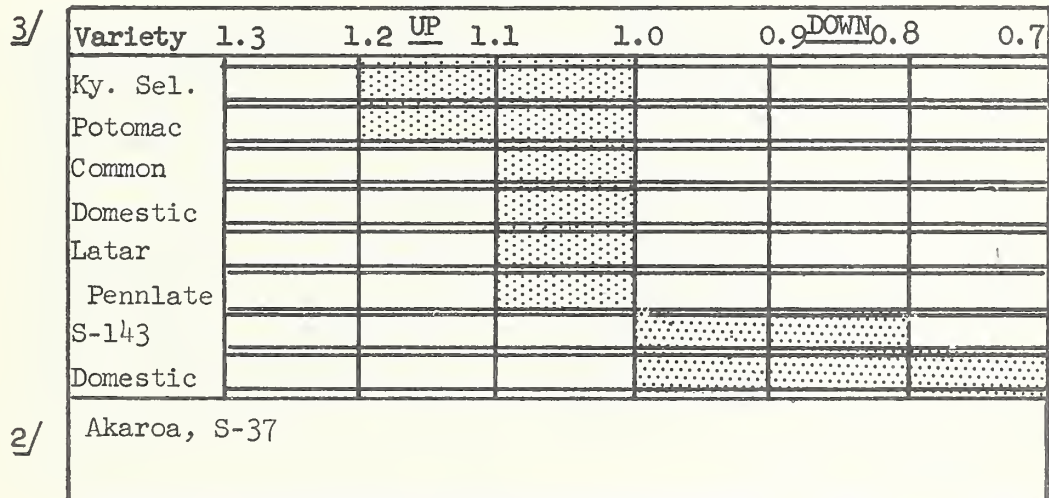
TRENDS IN FORAGE CROPS VARIETIES

Orchardgrass

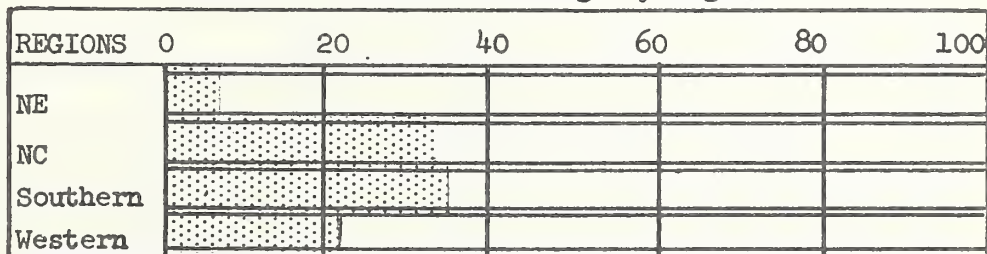
Percent of National Acreage by Varieties



National Trends



Percent of National Acreage by Regions



TRENDS IN FORAGE CROPS VARIETIES

Wheatgrass

Percent of National Acreage by Varieties

Variety	0	20	40	60	80	100
Stan.(Cr)						
Nor.(Cr.)						
Western						
Intermed.						
Greenar						
Fairway(C						
Tall						
Whitmar						

1/

Amur, Nebr. 50, Pubescent Stiff, Ree, Siberian, Sodar,
Topar

National Trends

3/

Variety	1.3	1.2	UP	1.1	1.0	0.9	DOWN	0.8	0.7
Amur									
Fairway(C									
Nordan(Cr									
Nebr. 50									
Tall									
Greenar									
Stan. (Cr									
Topar									

2/

Intermediate, Pub. Stiff, Ree, Slendar, Siberian, Sodar,
Western, Whitmar

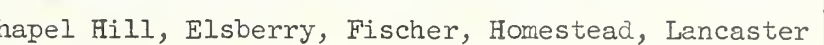
Percent of National Acreage by Regions

REGIONS	0	20	40	60	80	100
NE						
NC						
Southern						
Western						

TRENDS IN FORAGE CROPS VARIETIES

Bromegrass

Percent of National Acreage by Varieties

Variety	0	20	40	60	80	100
Lincoln						
Com. (No.)						
Achenbach						
Com. (So.)						
Manchar						
						
						
						
						

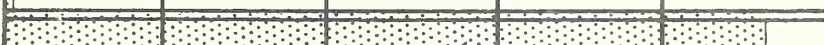
1/ Blando, Chapel Hill, Elsberry, Fischer, Homestead, Lancaster
Lyon, Southland, Saratoga

National Trends

Variety	1.3	1.2	UP	1.1	1.0	0.9	DOWN	0.8	0.7
Blando									
Manchar									
Southld.									
Saratoga									
Lincoln									
Elsberry									
									
									

2/ Achenbach, Common (50), Common (No), Chapel Hill, Fischer
Homestead, Lancaster, Lyon

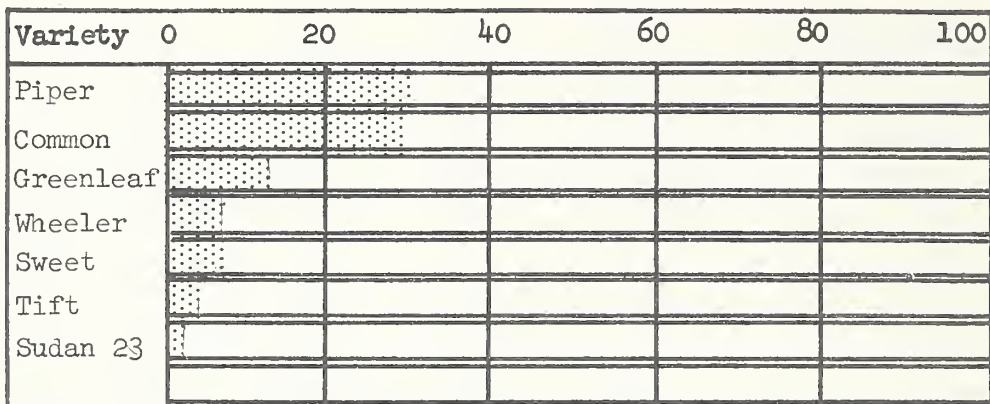
Percent of National Acreage by Regions

REGIONS	0	20	40	60	80	100
NE						
NC						
Southern						
Western						

TRENDS IN FORAGE CROPS VARIETIES

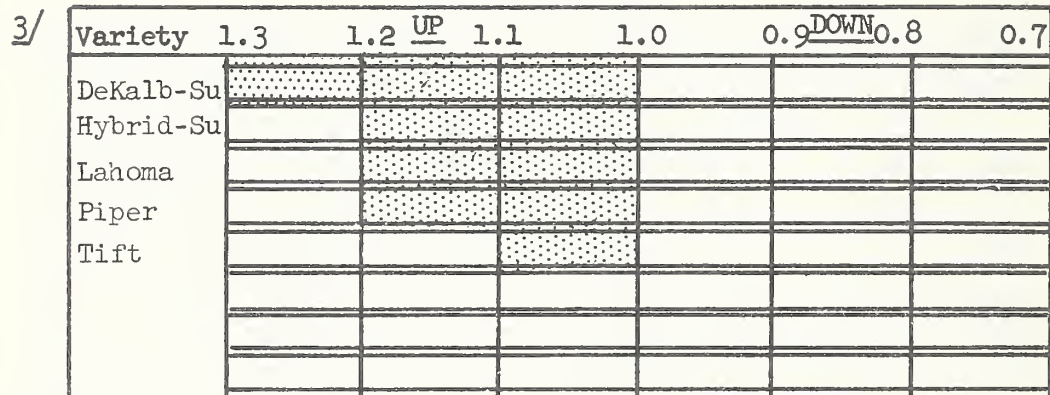
Sudangrass

Percent of National Acreage by Varieties



1/ Hybrid Sudan, DeKalb Sudan, Lahoma, Sweet 372, Sweet S-1

National Trends



2/ Common, Greenleaf, Sweet, Sweet 372, Sweet S-1, Sudan 23
Wheeler

Percent of National Acreage by Regions

